



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3602-1**Job Sheet 208217**

Part No: D3602-1

Job Qty: 12 pcs

DAS

Part Name: Angle

21

9-08



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 3/13/20

Job Tracking No:

Due Date: 4/30/20

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV B IPP Rev:A New Issue 07-02-27 JLM IPP Rev:B 08-12-11 as per ECN08-577 DD verified by:EC
Ship Via:

Bill of Materials**Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	Purchasing	12 pcs	4/30/20		0.00	0.00	Purchasing - 1	MAY 22 2020
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	12 pcs	4/30/20		0.00	0.00	Packaging 2 - 1 - B4B	MAY 22 2020
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	
							Packaging 2 - 28 - B4B	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S279090



Part: D3602-1

Job No: 208217

Serial No/Batch: S279090

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 05/22/20

Plex 3/13/20 8:29 AM Dart.lajeunesse.marie

				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
				Packaging 2 - 37 - B4B	
115	QC 6	12 pcs	4/30/20	0.00 0.00	QC 6 - 9
					QC 6 - 68
					QC 6 - 61
					QC 6 - 40
					QC 6 - 81
140	QC 5	12 pcs	4/30/20	0.00 0.00	QC 5 - 10
					QC 5 - 12
					QC 5 - 17
					QC 5 - 18
					QC 5 - 19
					QC 5 - 22
					QC 5 - 24
					QC 5 - 3
					QC 5 - 43
					QC 5 - 49
					QC 5 - 51
					QC 5 - 58
					QC 5 - 68
					QC 5 - 9
					QC 5 - 50
					QC 5 - 30
					QC 5 - 40
					QC 5 - 61
					QC 5 - 81
150	Packaging 3-1 - Stock - B4B	12 pcs	4/30/20	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B
					Packaging 3 - 21 - B4B
					Packaging 3 - 22 - B4B
					Packaging 3 - 23 - B4B
					Packaging 3 - 24 - B4B
					Packaging 3 - 25 - B4B
					Packaging 3 - 26 - B4B

DAS
82
9-89

JUL 20 2020

DAS
21
9-89

JUL 21 2020

NOT REQUIRED

DAS
30
9-89

JUL 21 2020

				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	
160 QC 21 - SA	12 pcs	4/30/20	0.00 0.00	QC 21 - SA - 21	DAS 21 9-05
				QC 21 - SA - 70	
				QC 21 - SA - 53	

JUL 21 2020

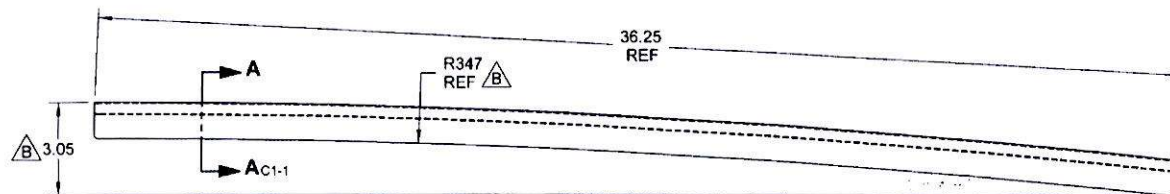
Part Op 100 - Purchasing
 Descriptions: 110 - Receive & Inspect for Damage & Mat'l Certs
 115 - QC6- All purchased or subcontracted products
 140 - QC5- Inspect part completeness to step on W/O
 150 - Identify as per dwg & Stock Location:
 160 - QC21- Final Inspection - Work Order Release

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
D3602-1P	Angle	12 pcs (1 ea)	100-Purchasing	S279089

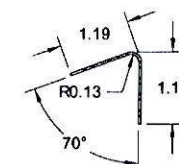
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	D3602-1P	12	0	0

Part Specifications	
Specifications could not be found.	

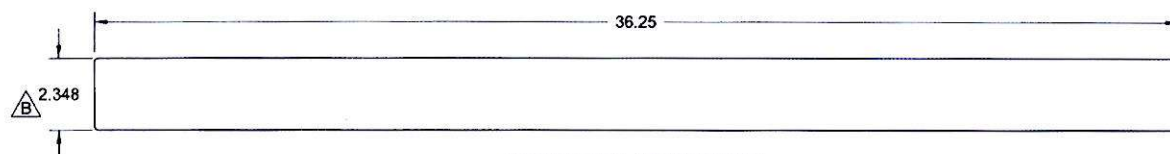
Plex 3/13/20 8:29 AM Dart.lajeunesse.marie



D3602-1 ANGLE
(MAKE FROM D3602-1F)



SECTION A-A C7-1
SCALE 2X



D3602-1F FLAT PATTERN

R0.13
TYP

RELEASED
6/23/11 MB

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT

WITHOUT NOTICE

WORK ORDER

NO. 208217MLS
2003-13

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, 20 GAUGE, 0.038 THICK, PER AMS 5513 OR AMS 5524, REF. DART SPEC. M304S20GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFY WITH DART P/N "D3602-1" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.97 lbs

B	ADDED ROUNDED SHAPE: R347 REF AND 3.05; 2.348 WAS 2.328. REF: NCR#09-014	MB	09.02.02
A	NEW ISSUE	MB	07.02.20
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.02.02		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3602** REV. B
SHEET 1 OF 1
TITLE **ANGLE** SCALE NTS

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor		
			QC / QA Coordinator		
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB046128



Supplier: GFI001-VC
ABB Installation Products Ltd.
180 Avenue Labrosse
Pointe Claire
QC
H9R 1A1 Canada
Phone: 514 630 4877
Fax: 514 630 4849

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB046128

PO Date: 3/17/20

Due Date: 5/19/20

Purchase Order

Revision:

Revision Date:

Issued By: Lavoie, Chantal
Phone: 613-623-5200 Ext: 242
Fax: 613-632-1053
clavoie@dartaero.com

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

E-MAILED
MAR 18 2020

Items

Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	208217	D3602-1P	D3602			Angle : Various STC's As Per Dwg D3602 Rev. B	Firmed X30	-	5/19/20	30 pcs	0 pcs	30 pcs	\$52.15/pcs	\$1,564.50

Line Item Note NOTE:
Part must be Individually wrap, no scratch or marked will be accepted

Grand Total: \$1,564.50

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Plax 3/17/20 11:58 AM Dart.Lavoie.Chantal

CERTIFICATE OF COMPLIANCE CERTIFICAT DE CONFORMITE



by ABB

ABB Électrification Canada SRI
ABB Electrification Canada ULC
180 AVENUE LABROSSE
POINTE-CLAIRE, QC, CANADA H9R 1A1
TÉL. : (514) 630-4877 - FAX: (514) 630-4849

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

68-6
28
SAC

CERTIFICATE NO.	<u>11</u>	OUR JOB NO	<u>0377862-001</u>	SHIPPING MEMO	<u>0659829</u>	
ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
<u>1</u>	<u>30 PCS</u>	<u>POHB046128</u>	<u>D3602-1P</u>	<u>B</u>	<u>ANGLE</u>	<u>B</u>
MATERIAL		SUPPLIED BY		MAT. REL. NO.		
<u>.040 THK AMS 5513 304 ANN</u>		<u>TW METALS/ ATI FLAT ROLLED PRODUCTS</u>		<u>H/N 855874</u>		

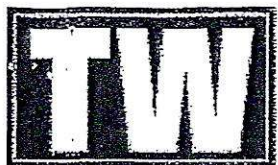
	PROCESS	PROCESSOR	RELEASE NOTE #
1	<u>FIRST ARTICLE INSPECTION REPORT ON FILE</u>	<u>ABB Electrification Canada ULC</u>	<u>N/A</u>
2	<u>REF. GFI MANUFACTURING JOB NUMBER 0377862-001 (30 PCS)</u>	<u>ABB Electrification Canada ULC</u>	<u>N/A</u>
3	<u></u>	<u></u>	<u></u>
4	<u></u>	<u></u>	<u></u>
5	<u></u>	<u></u>	<u></u>
6	<u></u>	<u></u>	<u></u>
7	<u></u>	<u></u>	<u></u>
8	<u></u>	<u></u>	<u></u>
9	<u></u>	<u></u>	<u></u>

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 19 MAY 2020

G.F.I. Q.C. REP.





TW METALS

O'Neal High-Performance
Metals Group

CERTIFICATIONS

FRAUD AND FALSIFICATION STATEMENT

The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under statutes including federal law. Title 18 chapter 47.

CERTIFICATE OF COMPLIANCE

This certificate of compliance certifies that the material supplied on the purchase order number below complies in all respects with the material description and procurement specifications.

MERCURY FREE STATEMENT

TW Metals certifies that the supplies furnished under this contract contain no metallic mercury or mercury compounds, and have not come in contact with mercury or alpha bearing instruments while in the possession of TW Metals Inc.

Customer Name: GFI, Inc

Purchase Order No.: 0092655 /

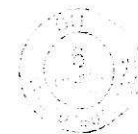
Item number: 0001 Shipper/Invoice No.: 12111921 /

Material: 304 / Manufacturing Mill: ATF

Specification: AMS 5513 / Heat / Lot No. 855874 /

Size: .040 / Quantity: 1pc /

Signature: Jarice Clark Date: 4/30/19



Initiated Performance Metals

Paul Isaacs
Paul Isaacs
Quality Associate

Customer Name: IYI Metals - INT

Customer PO: D 12019365

UPM Sales Order: 718537

Date: 30/04/2019

Description/Form: STAINLESS 304L - SHEET

Heat Number: 855874

Ingot: AAC38608-B

Width: 40.0000

Length: 120.0000

Size: .0400

Customer P/N:

Packing List Number: 107901-1

Quantity: 66 lb. 1 pc.

NOTICE OF SHIPMENT/
PACKING LIST

Flat Rolled Products

CERTIFICATE OF TEST

AL 5159-8 417

CUST. ORD. NO. & DATE	CUST. CODE	FINISHING LOCATION	SHIPPER NO.	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
IN-31509-P09 FORMS DISTRIBUTION	06/29/18 110977	VANDERGRIFF, PA	580971	13020102060000	30-068-568	10/02/18
SOLD TO UNITED PERFORMANCE METALS INC 3475 SYMMES ROAD HAMILTON OH 45015	REPEAT ORDER 82037-4	DO RATE 26	GOVT CONTRACT	MATL 1124 VANDERGRIFF	SHIPPING LOCATION PA	INVOICE 664075
	PRIME SEC. DSO DSO			SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		

GRADE AND SPECIFICATIONS

CARRIER - GROSS, RONALD, INC.

'ATI 304L' STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302) (03/10/14 EXCEPT UPM 304L/304/302) (AMS 5511R R2013) (AMS 5513J) (AMS 5516P) (ASME-SA-240 ED 2017) (ASTM-A-240-17) (ASTM-A-666-15) (EN 10028-7:2007-1.4361 CR) (ASQR-01 REV 10) (EN 10028-7:2007-1.4307-CR) (S-SPEC-1, S-1000) (ASTM-F-899-12B) 302/304 (UPM-QRS-001 ISS 1 REV B) (03/06/15 EXC TO JPM-QRS-001) (ASME-SA-666 ED 2017)

ITEM	PCS	DIMENSIONS W/G/L	HEAT #	COIL #	TEST #	GROSS	TARE	NET	THEO	TAG #/	CD	SKID #
001	1	48./-.0401/3309.	855874	AAC38608-A	8861465	22340	50	22290		589665		
	1	48./-.0401/3298.	855874	AAC38608-B	8861465	22515	50	22465		589754		
C CUST IDENTITY 304L040X48												
2 SKIDS						44855	100	44755				

DIST: EMAIL INV AND S/N TO ATIFLATROLLEDPRODUCTS@UPMET.COM

TYPE HEAT/TEST (WT %)	--C--	--MN--	--P--	--S--	--SI--	--CR--	--NI--	--MO--	--CU--	--N--
HEAT 855874	.023	1.58	.032	.0001	.37	18.06	8.12	.40	.51	.07
TEST LOCATION	BN	BN	BN	BN	BN	BN	BN	BN	BN	BN
CHECK 8861134	.025	1.59	.031	.0005	.36	18.22	8.14	.40	.51	.07
TEST LOCATION	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC

MELT METHOD: EF + AOD

ITEM TEST NO	YIELD PSI *	TENSILE PSI	% ELONG IN 2"	% R/A	HARDNESS (MEASURED)	BEND	CORROSION ASTM	GRAIN
001 8861465	T 44000.	96700.	75. #	NR	81.HRBW (67.HR30TW)	T PASS	PASS	8.
TEST LOCATION	TC	TC	TC	TC	TC	TC	TC	TC

* Y.S. BY 0.2% OFFSET METHOD

PAGE 01 - CONTINUED ON PAGE 02

10/02/18 09:29:47

CONSIGNEE- Please Note- This consignment was turned over to carrier in like glass condition, being correctly loaded, at which time our responsibility for loss or damage involvement ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

WARNING
Safety Data Sheets for this product are available on our website, www.ATIMetals.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in ATI Flat Rolled Products' Order Acknowledgment.

Steven Delaney
Sr. Manager Quality, Corporate Quality Assurance

Initiated Performance Metals

Paul Isaac
Paul Isaac
Quality Associate

Customer name: IVM Metals - IV
Customer PO: D 12019365
UPM Sales Order: 718537
Date: 30/04/2019
Description/Form: STAINLESS 304L - SHEET
Heat Number: 855874 Ingot: AAC38608-B

Width: 48.0000 Length: 720.0000
Size: .0400
Customer P/N:
Packing List Number: 107901-1
Quantity: 66 lb. 1 pc.

NOTICE OF SHIPMENT/
PACKING LIST

CERTIFICATE OF TEST

AL 6168-8417

CUST. ORG. NO. & DATE		CUST. CODE	FINISHING LOCATION	SHIPPER NO.	PRODUCT CODE	ROLL ORDER NUMBER	DATE SHIPPED
IN-31509-P09 FORAMS DISTRIBUTION		06/29/18 110977	VANDERGRIFF, PA	580971	13020102060000	30-068-568	10/02/18
NO.	REP. NO.	REP. ORDER	DO	GOVT CONTRACT	SATL	SHIPPING LOCATION	INVOICE
		L192513	82037-4	26	1124	VANDERGRIFF PA	664075
SOLD TO UNITED PERFORMANCE METALS INC 3475 SYMMES ROAD HAMILTON OH 45015				SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015			

GRADE CARRIER - GROSS, RONALD, INC.
ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE

TEM TEST NO CORROSION T-YIELD
01 8861465 A 262 PR E 1%
PASS 49010.

TEST LOCATION TC TC
ELONG AT FRACTURE

NR = DATA NOT REQUIRED
METALLOGRAPHIC MAGNIFICATION: 100X ETCHANT USED: OXALIC ACID

GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY

MATERIAL IS OF USA MELT AND MANUFACTURE.

STM A262 PRACTICE E BEND ANGLE IS 180 DEGREES.

THESE COMMODITIES OR TECHNOLOGY, WHEN EXPORTED FROM THE UNITED STATES, ARE IN ACCORDANCE WITH THE USA EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED. U.S. LAW ALSO PROHIBITS DISPOSITION OF THESE COMMODITIES/TECHNICAL DATA TO ANY END-USER OR FOR ANY END-USE RELATED TO THE DESIGN, DEVELOPMENT, PRODUCTION, STOCKPILING, OR USE OF CHEMICAL, BIOLOGICAL, OR NUCLEAR WEAPONS, OR MISSILES, WITHOUT THE PROPER APPROVAL OF THE UNITED STATES GOVERNMENT.

H1 SENSITIZATION HEAT TREATMENT WAS PERFORMED ON LOW CARBON AND STABILIZED GRADES. T1: HEATING OF A FLAT NON-WELDED TEST PIECE AT 700C +/- 10C (1292F +/- 18F) FOR 30 MINUTES FOLLOWED BY WATER COOLING.

ATI-FRP DEFINES THE GRAIN ORIENTATION NOMENCLATURE AS LONGITUDINAL (L) IS THE LENGTH, LONG TRANSVERSE (LT) IS THE WIDTH, AND SHORT TRANSVERSE (ST) IS THE THICKNESS OR GAUGE.

PAGE 02 - CONTINUED ON PAGE 03

10/02/18 09:29:47

CONSIGNEE-Please Note-This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage to shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

WARNING
Safety Data Sheets for this product are available on our website, www.ATI Metals.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in ATI Flat Rolled Products' Order Acknowledgment.

N. S. Betts
Norman Betts
Sr. Manager Quality, Corporate Quality Assurance



Initiated Performance Metals

Customer Name: IVM Metals - NY

Customer PO: D 12019365

UPM Sales Order: 718537

Date: 30/04/2019

Description/Form: STAINLESS 304L - SHEET

Heat Number: 855874

Ingot: AAC38608-B

Width: 48.0000

Length: 120.0000

Size: .0400

Customer P/N:

Packing List Number: 107901-1

Quantity: 66 lb. 1 pc.

Paul Isaac
Paul Isaac
Quality Associate

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL 5153-B 417

CUST. ORD. NO. & DATE	CUST. CODE	FINISHING LOCATION	SHIPPER NO.	PRODUCT CODE	BILL ORDER NUMBER	DATE SHIPPED
IN-31509-P09 06/29/18	110977	VANDERGRIFF, PA	580971	13020102060000	30-068-568	10/02/18
MG BILL L192513	82037-4	DO PR PRIME SEC.	GOVT CONTRACT	1124 VANDERGRIFF	PA	664075
SOLD TO UNITED PERFORMANCE METALS INC 3475 SYMMES ROAD HAMILTON OH 45015			SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015			

GRADE
ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE CARRIER - GROSS, RONALD, INC.

ATI FLAT ROLLED PRODUCTS HAS COMPLIED WITH ALL PRODUCER REQUIREMENTS OF AS6279.

MATERIAL WAS SOLUTION ANNEALED AT 1900F (1038C) MINIMUM FOR A TIME COMMENSURATE WITH THICKNESS AND RAPIDLY COOLED WITH AIR AND WATER.

ATI FLAT ROLLED PRODUCTS DOES NOT USE MERCURY IN THE TESTING OR PRODUCTION OF ITS PRODUCTS.

NO WELDS/WELD REPAIRS PERFORMED.

THE HARDNESS CONVERSION WAS PERFORMED USING EQUATIONS GIVEN IN ASTM E140 DEVELOPED FROM DATA IN TABLES 1, 3, 5, AND 6. THE PARTICULAR EQUATION USED WAS BASED ON MATERIAL TYPE AND MEASURED HARDNESS SCALE. PER ASTM E140; THE CONVERSION VALUES ARE ONLY APPROXIMATE AND MAY BE INACCURATE FOR SPECIFIC APPLICATION.

IN 10204:2005 - ATI FLAT ROLLED PRODUCTS IS APPROVED AS A MANUFACTURER ACCORDING TO THE PRESSURE EQUIPMENT DIRECTIVE PED 2014/68/EU.

WESTMORELAND MECHANICAL TESTING & RESEARCH, YOUNGSTOWN, PA (T7869) IS A GEAE S400 AND ISO/IEC 17025 APPROVED FACILITY.

THIS CERTIFIED MATERIAL TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL. FEDERAL LAW PROHIBITS THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE AND MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW. ATI FRP HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, NADCAP, AND ISO/IEC 17025. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ATI FRP QUALITY MANUAL REVISION 27 DATED 02/01/2018. FOR THE TESTING SPECIFICATION USED IN THE ANALYSIS OF THE MATERIAL, PLEASE SEE THE SCOPE OF APPROVAL FOR NADCAP AND ISO/IEC 17025 FOR THE LABORATORIES. THE SCOPE OF THE APPROVALS CAN BE FOUND AT WWW.ATIMETALS.COM.

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10/02/18 09:29:47

CONSIGNEE - Please Note - This consignment was handed over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage to shipment ceased. For your protection please examine shipment on its arrival. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

WARNING
Safety Data Sheets for this product are available on our website, www.ATIMetals.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

This is a true copy of data on file. The material and test results conform to the state a contract and specification(s) as set forth in ATI Flat Rolled Products' Order Acknowledgment.

Koreen DeForest
Sr. Manager Quality, Corporate Quality Assurance



nited Performance Metals

Customer Name: UPM Metals - INT

Customer PO: D 12019365

UPM Sales Order: 718537

Date: 30/04/2019

Description/Form: STAINLESS 304L - SHEET

Heat Number: 855874

Ingot: AAC38608-B

Width: 48.0000 Length: 120.0000

Size: .0400

Customer P/N:

Packing List Number: 107901-1

Quantity: 66 lb. 1 pc.

Quality Associate

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL 6168-8 417

CUST. ORD. NO. & DATE	CUST. CODE	SHIP TO LOCATION	SHIPPER NO.	PRODUCT CODE	BILL ORDER NUMBER	DATE SHIPPED
IN-31509-P09 FORMS DISTRIBUTION	06/29/18 110977	VANDERGRIFF, PA	580971	13020102060000	30-068-568	10/02/18
MG BILL L192513	REPEAT ORDER 82037-4	DO 26	GOVT CONTRACT	MATL 1124	SHIP TO VANDERGRIFF PA	INVOICE 664075
SOLD TO UNITED PERFORMANCE METALS INC 3475 SYMMES ROAD HAMILTON OH 45015	PRIME SEC. DSO DSO 10	SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015				

GRADE: ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE CARRIER - GROSS, RONALD, INC.

TI FLAT ROLLED PRODUCTS WORKS TO THE ROLLS ROYCE SABRE QUALITY MANAGEMENT SYSTEM REQUIREMENTS.

QUALITY SYSTEM CERTIFIED ACCORDING TO PRESSURE EQUIPMENT DIRECTIVE 2014/68/EU, ANNEX I, 4.3 BY TUV SUD, INDUSTRIE SERVICE GMBH, (NOTIFIED BODY 0036).

TI FLAT ROLLED PRODUCTS PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES
OR TESTING LOCATIONS TC, EN, & LO:

, S BY COMBUSTION/INERARED
, O, H BY INERT FUSION/THERMAL CONDUCTIVITY
N, P, SI, CR, NI, MO, CU, CB, CO, V BY WDXRF
BY OES
L AND TI (>=0.10%) BY WDXRF, OTHERWISE BY OES
B, BI, AG BY GFAA

ATERIAL TESTED AT ATI FLAT ROLLED PRODUCTS GEAE S400 APPROVED FACILITIES (T1225 & T9317):
ATRONA HEIGHTS, PA; BRACKENRIDGE, PA AND NEW BEDFORD, MA.

TI FLAT ROLLED PRODUCTS HOLDS SEVERAL QUALITY AND LABORATORY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100,
D 2000-MERKBLATT WO, EU PRESSURE EQUIPMENT DIRECTIVE 2014/68/EU, NADCAP, ISO/IEC 17025,
EAE S400 (T1225 & T9317), GEAE S-1000. REFER TO WWW.ATIMETALS.COM TO ACCESS THE CURRENT ATI FRP
QUALITY CERTIFICATIONS.

ATERIAL MEETS THE UNS DESIGNATIONS OF UNS S30200, UNS 30400, & UNS S30403.

ATERIAL MEETS THE REQUIREMENTS OF NACE MR0175/ISO 15156-3:2015 AND NACE MR0103/ISO 17495-1:2016, WHERE AP
PLICABLE TO A STEEL PRODUCER.
PAGE 04 - CONTINUED ON PAGE 05

10/02/18 09:29:47

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Norman DeForest
Sr. Manager Quality, Corporate Quality Assurance



United Performance Metals

Paul P. P.
 Paul P. P.
 Quality Associate

CUSTOMER NAME: UPM Metals - IN
 Customer PO: D 12019365
 UPM Sales Order: 718537
 Date: 30/04/2019
 Description/Form: STAINLESS 304L - SHEET
 Heat Number: 855874 Ingot: AAC38608-B

Width: 40.0000 Length: 120.0000
 Size: .0400
 Customer P/N:
 Packing List Number: 107901-1
 Quantity: 66 lb. 1 pc.

NOTICE OF SHIPMENT/
 PACKING LIST



CERTIFICATE OF TEST

AL 6168-8417

JUST. ORD. NO. & DATE	CUST. CODE	FINISHING LOCATION	SHIPPER NO.	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
IN-31509-P09 FORMER DISTRIBUTION	06/29/18 110977	VANDERGRIFF, PA	580971	13020102060000	30-068-568	10/02/18
SHIP TO: MG BILL L192513	REPEAT ORDER: 82037-4 DO RATE: 26	PRIME SEC. DSO DSO 10	GOVT CONTRACT	MATL: 1124 VANDERGRIFF	SHIP TO: PA	INVOICE: 664075
SOLD TO: UNITED PERFORMANCE METALS INC 3475 SYMMES ROAD HAMILTON OH 45015				SHIP TO: UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		

GRADE: ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE CARRIER - GROSS, RONALD, INC.

ATI FLAT ROLLED PRODUCTS HAS NO CONTROL OVER CUSTOMER PROCESSING OF MATERIAL; INCLUDING, IT NOT LIMITED TO, BUFFING OR ELECTROPOLISHING MATERIAL WITH A 2B OR OTHER FINISH, AND DOES NOT REPRESENT & GUARANTY THAT THE MATERIAL IS SUITABLE FOR ANY PARTICULAR PROCESS OR USE OF CUSTOMER.

N 10204:2005 3.1 CERTIFICATE.

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS:

1 = ATI-FLAT ROLLED PRODUCTS; 100 RIVER ROAD; BRACKENRIDGE, PA 15014
 2 = ATI-FLAT ROLLED PRODUCTS; 1300 PACIFIC AVENUE; NATRONA HEIGHTS, PA 15065

IF CHEMICAL AND MECHANICAL PROPERTIES MEET THE REQUIREMENTS OF (ASTM-A-240-18).
 ISSUED BY ATI FLAT ROLLED PRODUCTS - 3/28/2019 14:51 /ln

UPM/ATI Review and Approved by QC Reviewed Specification(s): All Checked by: <i>Paul P. P.</i> Page 5 Date: 3/28/2019
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10/02/18 09:29:47

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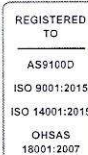
N. J. Detrain
 N. J. Detrain
 Sr. Manager Quality, Corporate Quality Assurance





by ABB

ABB ÉLECTRIFICATION CANADA SRI
ABB ELECTRIFICATION CANADA ULC
180 AVENUE LABROSSE
POINTE-CLAIRE, QC, CANADA H9R 1A1
TÉL.: (514) 630-4877 - FAX: (514) 630-4849



BON DE LIVRAISON / SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON / SHIPPING MEMO NO.	PAGE
JR - DY	MO - MO	AN - YR		
19	05	20	0659829	1/1



VENDU À / SOLD TO

EXPÉDIÉ À / SHIP TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

CODE DE CLIENT / CUSTOMER CODE		N° DE CONTRAT / JOB NO.	VOTRE N° DE COMMANDE / YOUR PURCHASE ORDER NO.	EXPÉDIÉ PAR / SHIP VIA
DART GFI-0299		0377862	POHB046128	
QUANTITÉ / QUANTITY	N° DE PIÈCE / PART NO.		DESCRIPTION	
30	D3602-1P		ANGLE ITEM 1 C OF C REQ'D	

MFG. JOB# 0377862-001 QTY 30 pcs

DUE DATE: 19 May 2020



RECEIVED

MAY 22 2020

DART AEROSPACE LTD.

EXPÉDITEUR / SHIPPER

Reçu par / Received by

DATE

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES DEDANS DEUX JOURS DE LA RÉCEPTION.
ALL CUSTOMER COMPLAINTS MUST BE MADE WITHIN 2 BUSINESS DAYS OF RECEIPT.